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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO
10/605,807	10/28/2003	Hsin-Hung Lee		10932-US-PA	2806
31561	7590 09/19/2006		. [EXAMINER	
JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE				XIAO, KE	
7 FLOOR-1, NO. 100 ROOSEVELT ROAD, SECTION 2 TAIPEI, 100			[ART UNIT	PAPER NUMBER
			•	2629	
TAIWAN]	DATE MAILED: 09/19/2006	

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)	
	10/605,807	LEE ET AL.	
Office Action Summary	Examiner	Art Unit	
	Ke Xiao	2629	
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the o	orrespondence address	
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DATE of the Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period we failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tire will apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. mely filed the mailing date of this communication. ED (35 U.S.C. § 133).	
Status			
 1) ⊠ Responsive to communication(s) filed on 16 Au 2a) ☐ This action is FINAL. 2b) ☒ This 3) ☐ Since this application is in condition for allowar closed in accordance with the practice under E 	action is non-final. noe except for formal matters, pro-		
Disposition of Claims			
4) Claim(s) 1-4 is/are pending in the application. 4a) Of the above claim(s) is/are withdraw 5) Claim(s) is/are allowed. 6) Claim(s) 1-4 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or Application Papers			
9) The specification is objected to by the Examine	r		
10) The drawing(s) filed on is/are: a) access applicant may not request that any objection to the confidence of the drawing sheet(s) including the correction of the oath or declaration is objected to by the Examinetral control of the drawing sheet(s) including the correction of the oath or declaration is objected to by the Examinetral control of the drawing sheet(s) including the correction of the oath or declaration is objected to by the Examinetral control of the drawing sheet (s) including the correction of the oath or declaration is objected to by the Examinetral control of the drawing sheet (s) including the correction of the oath or declaration is objected to by the Examinetral control of the oath or declaration is objected to by the Examinetral control of the oath or declaration is objected to by the Examinetral control of the oath or declaration is objected to by the Examinetral control of the oath or declaration is objected to by the Examinetral control of the oath or declaration is objected to by the Examinetral control of the oath or declaration is objected to by the Examinetral control of the oath or declaration is objected to by the Examinetral control of the oath or declaration is objected to by the examinetral control of the oath or declaration is objected to by the examinetral control of the oath of the oat	epted or b) objected to by the drawing(s) be held in abeyance. Section is required if the drawing(s) is ob	e 37 CFR 1.85(a). ejected to. See 37 CFR 1.121(d).	
Priority under 35 U.S.C. § 119			
 12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1 Certified copies of the priority documents 2 Certified copies of the priority documents 3. Copies of the certified copies of the prior application from the International Bureau * See the attached detailed Office action for a list of 	s have been received. s have been received in Application ity documents have been received (PCT Rule 17.2(a)).	ion No ed in this National Stage	
Attachment(s)	A) [] 1=4==:=	(DTO 440)	
 Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:	ate	

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DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over the applicant's admitted prior art (AAPA) in view of Yamazaki (US 2003/0146888).

Regarding **Claims 1 and 2**, the AAPA teaches a display unit of an active matrix organic light emitting display (AAPA, Fig. 3 Paragraph [0006]), comprising:

a first transistor, having a gate for receiving a first driving signal, the first transistor determining whether or not to conduct a second signal based on the first dirving signal (AAPA, Fig. 3 Paragraph [0006]);

a second transistor, having a gate for receiving the second signal, the second transistor determining whether or not to conduct a power source based on the second signal (AAPA, Fig. 3 Paragraph [0006]); and

an organic light emitting diced, receiving the power source to emit a light (AAPA, Fig. 3 Paragraph [0006]);

wherein the second transistor is a P-type transistor having a threshold voltage (AAPA, Fig. 3 Paragraph [0006]),

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The AAPA fails to teach that the absolute value of the threshold voltage of the second transistor is between 2.5V to 3.5V. Yamazaki teaches that P-type transistors can be operated using a threshold voltage with an absolute value of 2.5V to 3.5V (Yamazaki, Fig. 6). It would have been obvious to one of ordinary skill in the art at the time of the invention to have use P-type transistor with a threshold voltage of 2.5V to 3.5V as taught by Yamazaki in place of the second transistor as taught by the AAPA in order to allow for both constant voltage drive and constant current drive in an OLED display.

Regarding Claims 3 and 4, AAPA teaches that the first transistor is a P-type transistor with a threshold voltage. AAPA fails to teach that an absolute value of the threshold voltage of the first transistor is between 2.5V to 3.5V. Yamazaki teaches that P-type transistors can be operated using a threshold voltage with an absolute value of 2.5V to 3.5V (Yamazaki, Fig. 6). It would have been obvious to one of ordinary skill in the art at the time of the invention to have use P-type transistor with a threshold voltage of 2.5V to 3.5V as taught by Yamazaki in place of the first transistor as well as the second transistor as taught by the AAPA in order to reduce manufacturing costs and complexity.

Response to Arguments

Applicant's arguments with respect to Claims 1-4 have been considered but are most in view of the new ground(s) of rejection.

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ke Xiao whose telephone number is (571) 272-7776. The examiner can normally be reached on Monday through Friday from 8:30AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sumati Lefkowitz can be reached on (571) 272-3638. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

September 15th, 2006 - kx -

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